

SEMICONDUCTOR DEVICE

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Classification:

- **international:** *H01L27/146; H01L29/786; H04N5/335; H01L27/146; H01L29/66; H04N5/335;*
(IPC1-7): H01L27/146; H01L29/786; H04N5/335

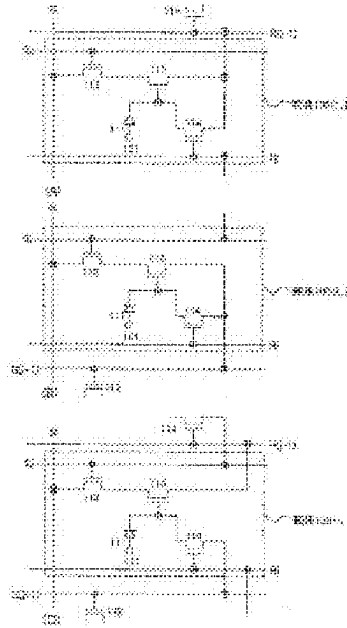
- **European:**

Application number: JP20010206998 20010706

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Abstract of JP 2003023144 (A)

PROBLEM TO BE SOLVED: To provide a semiconductor device capable of realizing a high aperture ratio without increasing the number of masks and the number of steps by providing a pixel having a new configuration. **SOLUTION:** This semiconductor device has a pixel section provided with a plurality of pixels. Each pixel has conversion elements, transistors, gate signal lines and reset signal lines. A current is supplied to a plurality of photoelectric conversion elements by any one line of the gate signal lines or the reset signal lines.



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